

Mangler

OWNER'S MANUAL — Please read before using this equipment.

Your RadioShack Mangler is built to handle the road, whether the road is hallway or the sidewalk. Built to 1/10 scale, it can reach speeds of up to 1,120 feet per minute! It has super-size racing wheels to handle straight-ways or rough spots, and three gear speeds for top racing performance.

FCC DECLARATION OF CONFORMITY

This device complies with Part 15 of the *FCC Rules*. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

| | |
|--------------------|--|
| Product: | Mangler |
| Model: | 60-4298 |
| Responsible Party: | RadioShack 100 Throckmorton Fort Worth, TX 76102 |
| Phone: | 817-415-3200 |



THE FCC WANTS YOU TO KNOW

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INSTALLING BATTERIES

Cautions:

- Use only fresh batteries of the required size and recommended type.
- Do not mix old and new batteries, different types of batteries (standard, alkaline, or rechargeable), or rechargeable batteries of different capacities.
- When the Mangler stops operating properly, replace the batteries.
- If you do not plan to use the Mangler for a week or more, remove the batteries. Batteries can leak chemicals that can destroy electronic parts.

Warning: Dispose of old batteries promptly and properly. Do not burn or bury them.



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In the Transmitter

Your transmitter requires one 9V battery (not supplied) for power. For the best performance and longest life, we recommend a RadioShack alkaline battery.

1. Slide the transmitter's **ON/OFF** switch to **OFF**.
2. Press down and slide the battery compartment cover in the direction of the arrow to open it.
3. Place the battery in the compartment as indicated by the polarity symbols (+ and -) marked inside the cover.
4. Close the cover and snap it shut.

When the transmitter's range decreases, or if the Mangler does not respond to the transmitter, replace its battery.

In the Mangler

Your Mangler requires one 9.6V rechargeable battery pack (not supplied) for power. Before using the battery pack, you must charge it using a special battery charger (not supplied). Follow the charger's instructions to charge the battery pack.

Cautions:

- Use only the recommended battery pack and charger.
 - After you charge or recharge the battery pack, disconnect it from the charger. Overcharging the battery pack could damage it.
 - When you disconnect the battery pack from the charger, do not pull on the connector's wires. You might damage the battery pack.
1. Slide the Mangler's **OFF/ON** switch to **OFF**.
 2. Use a coin to turn the battery compartment cover's latches counterclock-

wise until they stop, then remove the cover.

3. Place the battery pack in the recessed area with the battery pack's connector on the same side as the Mangler's matching connector.
4. Attach the battery pack's connector to the Mangler's matching connector. Do not force them. They fit together only one way.

Caution: Be sure the connectors and wires do not touch any of the Mangler's moving parts.

5. Replace the cover, then turn the latches clockwise until they stop.

Notes:

- If you want to run your Mangler for extended periods, we suggest you purchase an extra battery pack. You can charge one while you use the other.
- Occasionally, let the battery pack fully discharge before recharging it. Otherwise, the battery pack loses its ability to fully charge.

Important: The EPA certified RBRC® Battery Recycling Seal on the nickel-cadmium (Ni-Cd) battery indicates RadioShack is voluntarily participating in an industry program to collect and recycle these batteries at the end of their useful life, when taken out of service in the United States or Canada. The RBRC program provides a convenient alternative to placing used Ni-Cd batteries into the trash or the municipal waste stream, which may be illegal in your area. Please call 1-800-THE-SHACK (1-800-843-7422) for information on Ni-Cd battery recycling and disposal bans/restrictions in your area. RadioShack's involvement in this program is part of the company's commitment to preserving our environment and conserving our natural resources.

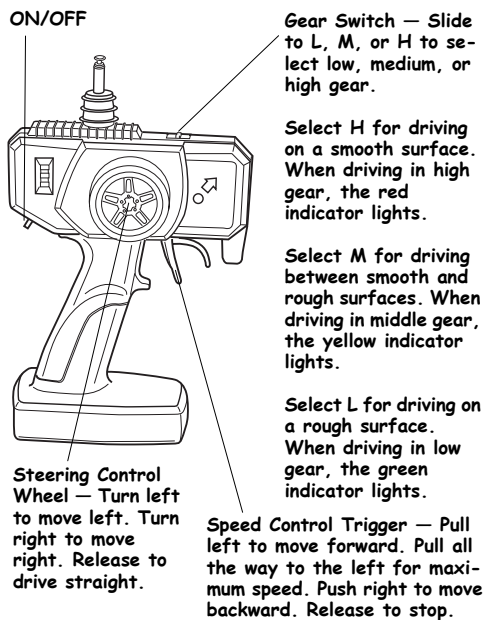


DRIVING THE MANGLER

Warnings:

- The Mangler reaches much higher speeds than most radio-controlled cars. Avoid high-impact collisions with people and objects.
- Do not play with your Mangler in the street.
- Do not touch the motor immediately after using the Mangler, as it might become hot during use.

1. Extend the transmitter's antenna to its full length.
2. Slide **ON/OFF** on both the transmitter and the Mangler to **ON**.



3. Slide the gear (L/M/H) switch on the top of transmitter to set the gear.

Note: The Mangler might make a popping or grinding noise when you slide the gear control switch. This is normal.

4. Use the transmitter's trigger and wheel to drive and steer the Mangler.
5. When you finish playing with the Mangler, slide **ON/OFF** on both the Mangler and the transmitter to **OFF**.

Caution: If the Mangler gets stuck under an object, immediately release the transmitter's control levers and retrieve the Mangler.

HELPFUL HINTS

- Running your Mangler continuously for long periods generates high heat levels. Heat causes wear and tear on the motor. To help keep heat levels down, when your Mangler's battery pack dies, let the Mangler cool at least 10 minutes before installing a new or newly charged battery pack.
- If someone uses a CB nearby, it might interfere with control of the Mangler. If this happens, move the Mangler away from the CB.
- You cannot operate your Mangler near devices with transmitters that use the same frequency as your Mangler (27 MHz or 49 MHz). Check your Mangler's box to see which frequency your Mangler uses.
- If the Mangler moves slowly and you just installed a fully charged battery pack, check the wheel mechanisms for lint, thread, hair, or dust.

ADJUSTING THE WHEEL ALIGNMENT

If the Mangler does not go in a straight line when you release the right control lever, adjust the wheel alignment control on the bottom of the Mangler.

Slide the control toward **L** (left) if the Mangler is pulling to the right, or toward **R** (right) if the Mangler is pulling to the left.

CARE

- Do not drive the truck through puddles or mud, on a wet floor, or in sand, rain, or snow. These can damage it.
- Do not expose the truck or transmitter to temperature extremes, and do not store them in direct sunlight or near a heat source.
- Do not leave the truck or transmitter outside overnight. Night dampness can damage their electronic circuits.
- To protect the truck's mechanisms from lint and hair, do not drive the truck on carpet.
- Wipe the truck and transmitter with a damp cloth occasionally to keep them looking new. Do not use harsh chemicals to clean them.

Modifying or tampering with the truck's or transmitter's internal components can cause a malfunction and might invalidate the truck's warranty and void your FCC authorization to operate it. If your truck is not performing as it should, take it and the transmitter to your local RadioShack store for assistance.

USER-REPLACEABLE PARTS

You can order replacement parts or parts sets for your vehicle at your local RadioShack store. Simply identify the part(s) or sets you need, then find the part number in this list.

| Description | RSU Number |
|----------------------------------|------------|
| Completed Transmitter Unit 27MHz | 12348843 |
| Completed Transmitter Unit 49MHz | 12348850 |
| Rod Antenna for Transmitter | 10540078 |
| Antenna wire for Receiver | 12348868 |
| Door, Battery Car | 12348876 |
| Door, Battery Transmitter | 12176996 |
| Hardware Kit | 12348884 |
| Front Bumper Guard | 12042313 |
| Rear Wheel Assembly, L/R | 12348892 |
| Rear Bumper Guard | 12348934 |
| Car Body Assembly, Label | 12348900 |
| Owners Manual | 12348918 |
| Service Manual | 12348926 |

Limited Ninety-Day Warranty

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for ninety (90) days from the date of purchase from RadioShack company- owned stores and authorized RadioShack franchisees and dealers. EXCEPT AS PROVIDED HEREIN, RadioShack MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. EXCEPT AS PROVIDED HEREIN, RadioShack SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO CUSTOMER OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY USE OR PERFORMANCE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY DAMAGES RESULTING FROM INCONVENIENCE, LOSS OF TIME, DATA, PROPERTY, REVENUE, OR PROFIT OR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF RadioShack HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

In the event of a product defect during the warranty period, take the product and the RadioShack sales receipt as proof of purchase date to any RadioShack store. RadioShack will, at its option, unless otherwise provided by law: (a) correct the defect by product repair without charge for parts and labor; (b) replace the product with one of the same or similar design; or (c) refund the purchase price. All replaced parts and products, and products on which a refund is made, become the property of RadioShack. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period.

This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, crash, collision, impact, violent contact, failure to follow instructions, improper installation or maintenance, alteration, lightning or other incidence of excess voltage or current; (b) any repairs other than those provided by a RadioShack Authorized Service Facility; (c) consumables such as fuses or batteries; (d) cosmetic damage; (e) transportation, shipping or insurance costs; or (f) costs of product removal, installation, set-up service adjustment or reinstallation.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

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